



**DECLARATION AND POWER OF ATTORNEY
ACCOMPANYING APPLICATION FOR UNITED STATES PATENT**

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below; which is described in the attached specification; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America except **Application S.N. 02293152.1, filed on December 18, 2002 in the European Patent Convention**, and from which priority is claimed under 35 USC 119; and that I acknowledge my duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Title: **RSSE Optimization Using Hardware Acceleration**

Inventor(s): **Olivier Charles Schuepbach**

Power of Attorney: I hereby appoint the following attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Customer Number: 23494

Ronald O. Neerings, Reg. No. 34,227

Wade J. Brady III, Reg. No. 32,080

Jay M. Cantor, Reg. No. 19,906

Robert N. Rountree, Reg. No. 39,347

Frederick J. Telecky, Jr., Reg. No. 29,979

Send Correspondence to:

Ronald O. Neerings
Texas Instruments Incorporated
P.O. Box 655474, M/S 3999
Dallas, TX 75265

Telephone:

972/917-5299

RECEIVED

NOV 28 2003

OFFICE OF PETITIONS

TIF-33782

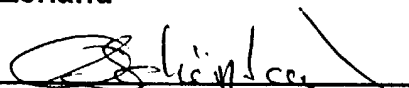
Declaration and Power of Attorney
Page 2

(1) Name of Inventor: **Olivier Charles Schuepbach**

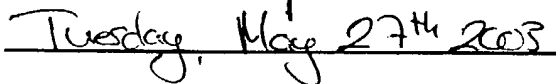
Residence/
City and State: **44, Boulevard Albert ler
Antibes, France, 06600**

Country of Citizenship: **Switzerland**

Signature of Inventor:



Date:



ASSIGNMENT

WHEREAS, TEXAS INSTRUMENTS FRANCE (hereinafter **TIF**), a French company of 821 Avenue Jack Kilby 06271 - Villeneuve Loubet, France and, by operation of French Law, the beneficial owners of all right, title and interest in an invention for which an application for a patent is to be filed in the French Patent Office as set forth below; and

WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 7839 Churchill Way, Mail Station 3999, Dallas, Texas 75251, USA, is desirous of acquiring the entire right, title and interest in and to the said invention outside of France, and in and to patent applications filed outside of France and any Patent that may be granted thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, by this Assignment,

TIF sells and assigns to the said **TEXAS INSTRUMENTS INCORPORATED**, its successors and assigns, the entire right, title and interest in and to the said invention in the U.S.A. and in all other countries outside of France; together with the right to file applications and obtain patents in any other country or group of countries, and to claim priority under the terms of the International Convention for the Protection of Industrial Property or any other relevant convention;

TIF hereby authorizes and requests the Commissioner of Patents to issue all U.S. patents for said invention, or patents resulting therefrom, insofar as our interest is concerned to the said **TEXAS INSTRUMENTS INCORPORATED**, as assignee of the entire right, title and interest. **TIF** further agrees to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect patent rights, and generally to do everything possible to aid said **TEXAS INSTRUMENTS INCORPORATED**, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

Title of Invention: **RSSE OPTIMIZATION USING HARDWARE ACCELERATION**

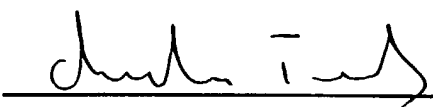
Inventor(s): **Olivier Charles Schuepbach**

Internal Reference: **TIF-33782**


French Patent Application No.: 02293152.1, Filed: 12/18/2002

IN WITNESS WHEREOF this Assignment has been executed as set forth below:

Executed for and on behalf of **TEXAS INSTRUMENTS FRANCE**

By: 
Name: CHRISTIAN TORBO
Title: Managing Director
Date: May 27th, 2003

Executed for and on behalf of **TEXAS INSTRUMENTS INCORPORATED**

By: 
Name: Frederick J. Telecky, Jr.
Title: Senior Vice President
And General Patent Counsel
Date: 6/10/2003

ACKNOWLEDGEMENT

I, Olivier Charles Schuepbach, inventor of certain new and useful improvements in the above identified invention for which application for a Patent is about to be made, acknowledge that I am an employee of TEXAS INSTRUMENTS FRANCE, and that my invention and all rights in it belong to Texas Instruments France, by virtue of operation of law.

Assignment
Page 3

I hereby further agree that I will communicate to TEXAS INSTRUMENTS FRANCE or to its successors, assigns and legal representatives, any facts known to me respecting said invention, and at the expense of TEXAS INSTRUMENTS FRANCE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths and generally do everything possible to aid said TEXAS INSTRUMENTS FRANCE, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

IN WITNESS WHEREOF, the or each of said inventor has hereto set his hand and seal:

Name: Olivier Charles Schuepbach

Signature: 

Date: Tuesday, May 27th 2003
